

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046559.D
 Acq On : 8 Sep 2020 15:54
 Operator : CG/JU
 Sample : L3857-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-4B

Quant Time: Sep 08 16:58:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

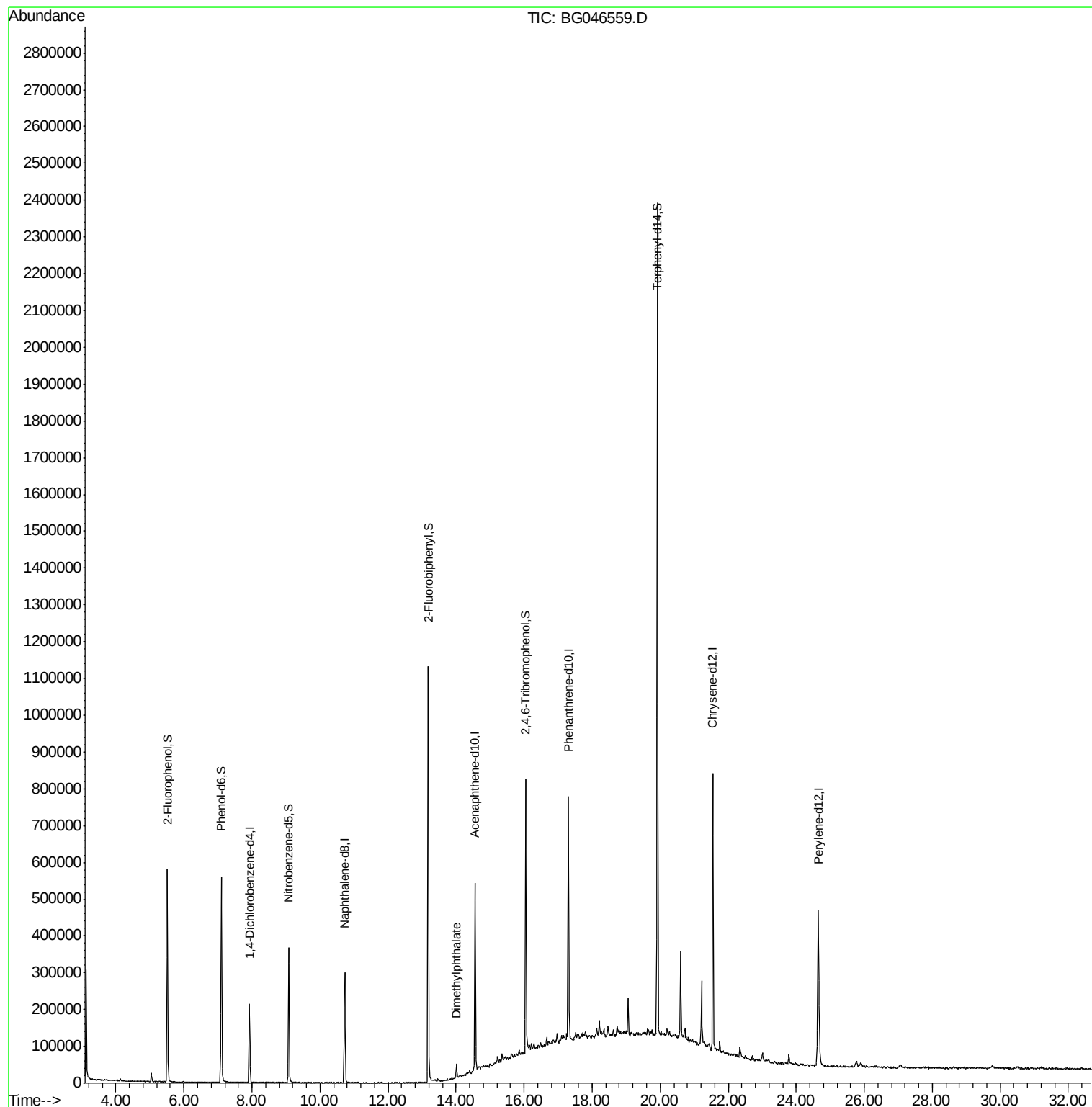
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69254	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	278803	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194309	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	449168	20.00	ng	0.00
76) Chrysene-d12	21.55	240	462724	20.00	ng	0.00
86) Perylene-d12	24.65	264	455291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	273661	69.99	ng	0.00
7) Phenol-d6	7.10	99	368288	66.44	ng	0.00
23) Nitrobenzene-d5	9.08	82	239494	49.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	174001	66.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	672868	52.86	ng	0.00
79) Terphenyl-d14	19.92	244	1023769	47.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	36443	2.424	ng	Qvalue # 97

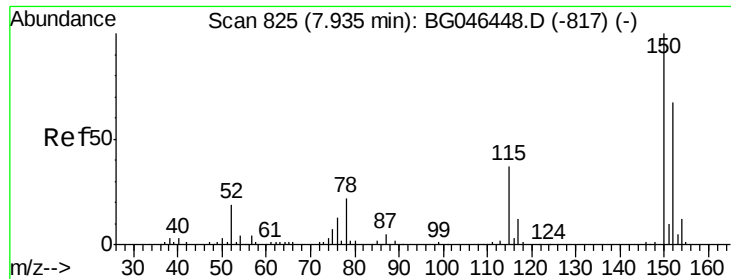
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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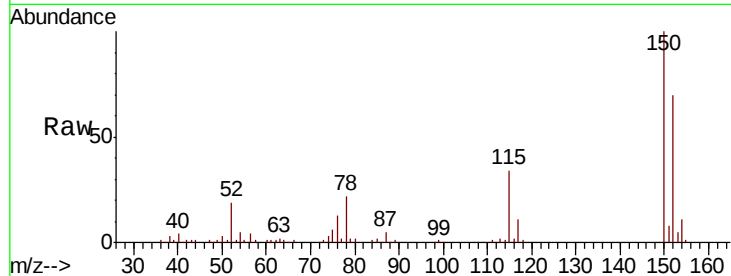


#1

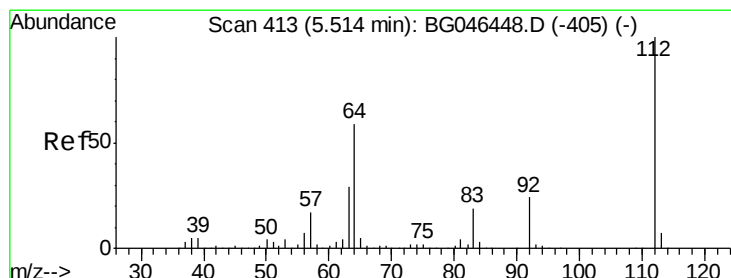
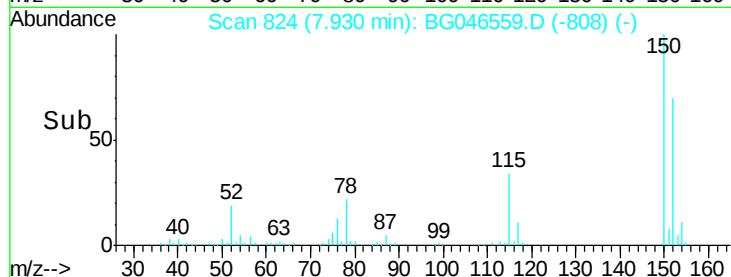
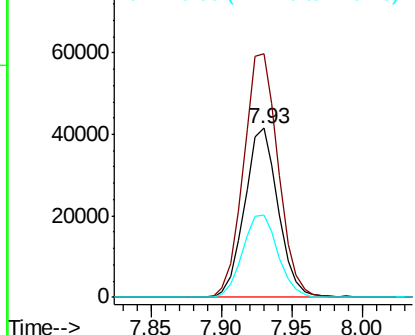
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Instrument :
BNA_G
ClientSampled :
PE-4B

Tot Ion:152 Resp: 69254
Ion Ratio Lower Upper
152 100
150 143.8 119.5 179.3
115 48.8 44.3 66.5



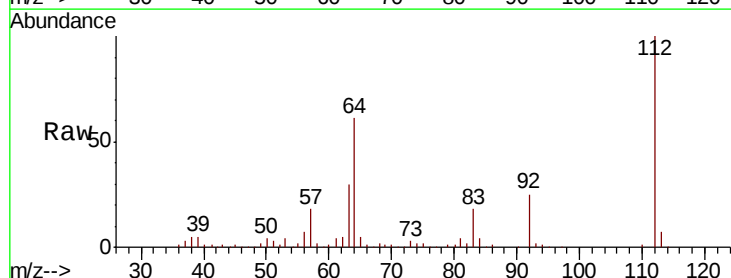
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



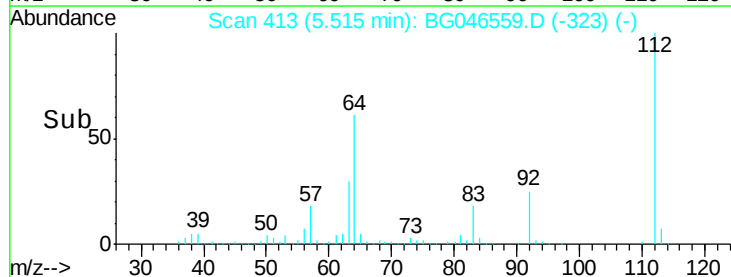
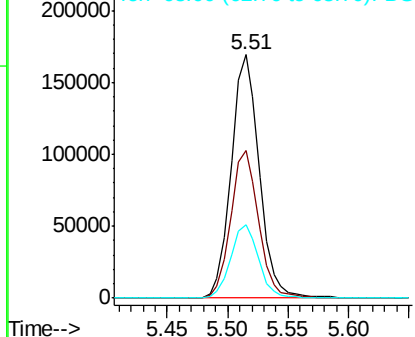
#5

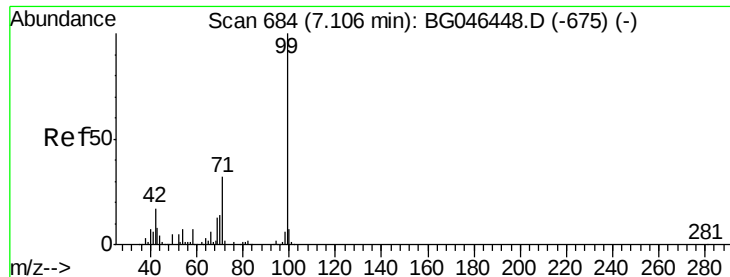
2-Fluorophenol
Concen: 69.989 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Tgt Ion:112 Resp: 273661
Ion Ratio Lower Upper
112 100
64 60.5 47.0 70.6
63 30.0 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 66.443 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampled :

PE-4B

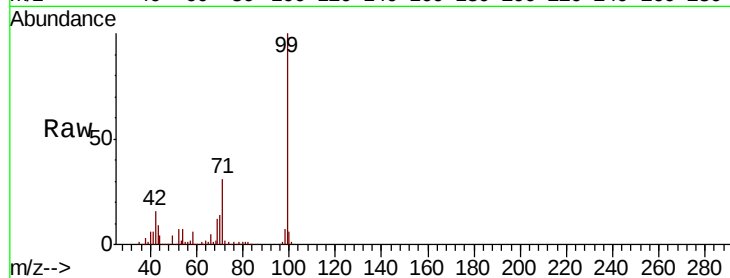
Tot Ion: 99 Resp: 368288

Ion Ratio Lower Upper

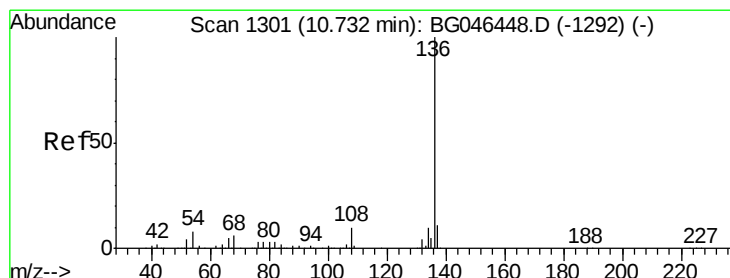
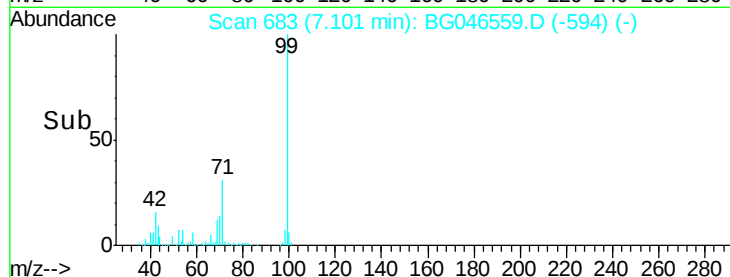
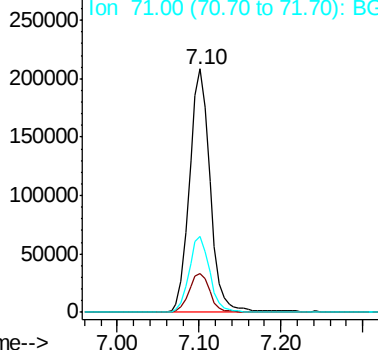
99 100

42 16.0 13.3 19.9

71 31.4 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Tgt Ion: 136 Resp: 278803

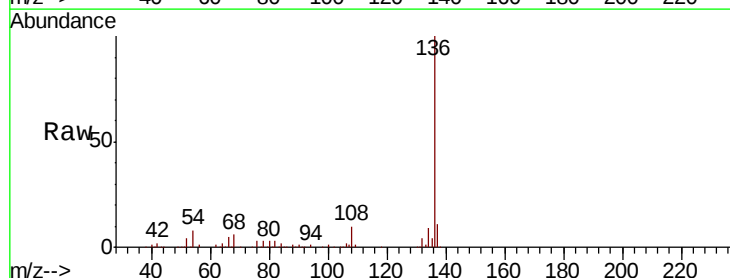
Ion Ratio Lower Upper

136 100

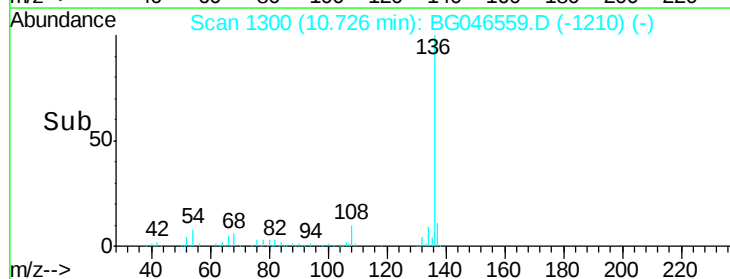
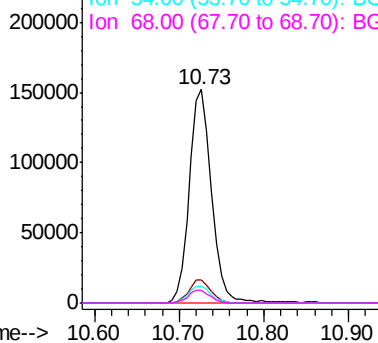
137 10.8 8.8 13.2

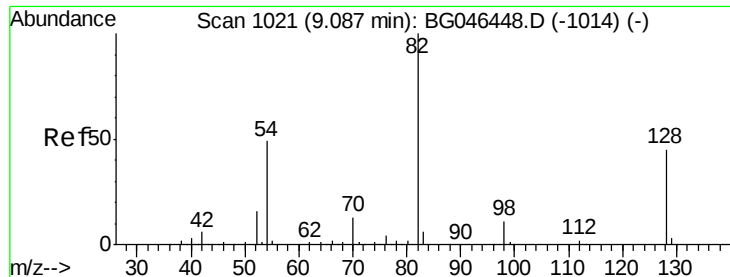
54 7.9 6.1 9.1

68 6.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

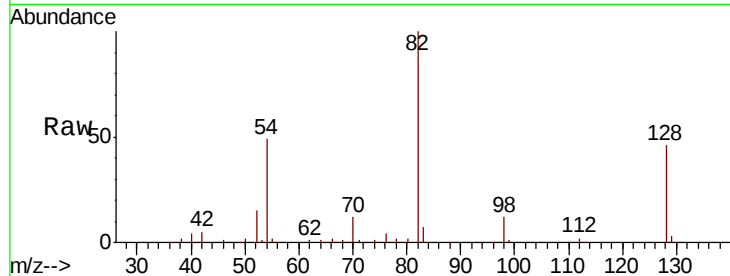




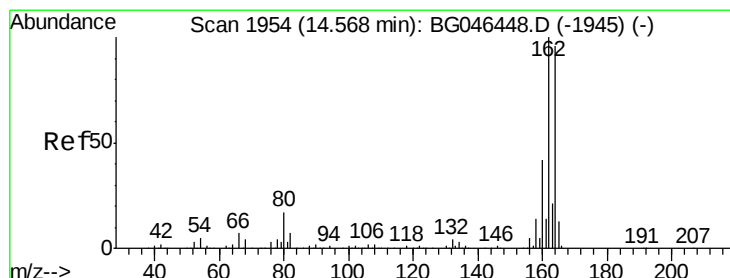
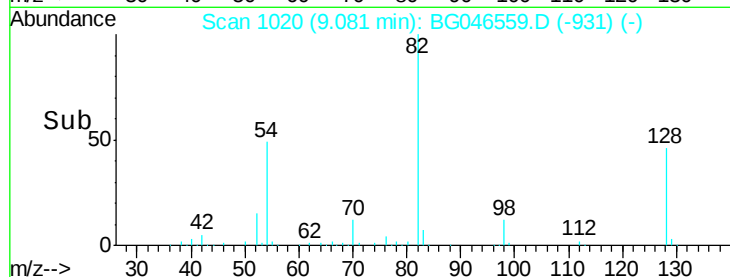
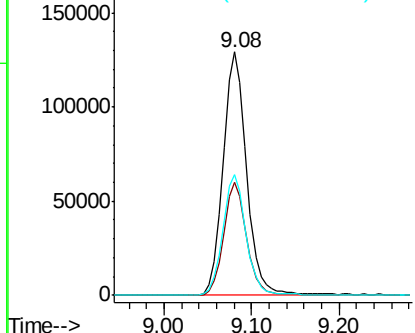
#23
Nitrobenzene-d5
Concen: 49.097 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Instrument :
BNA_G
ClientSampled :
PE-4B

Tot Ion	82	Resp	239494
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.7	53.5
54	49.4	39.4	59.0

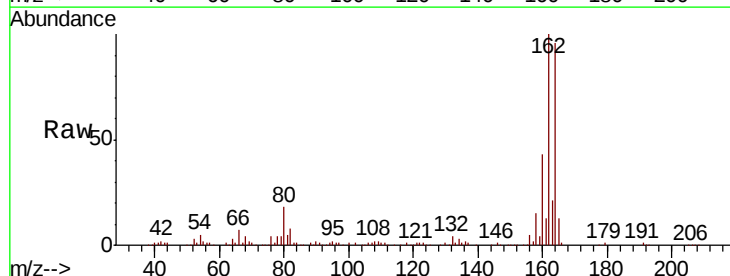


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

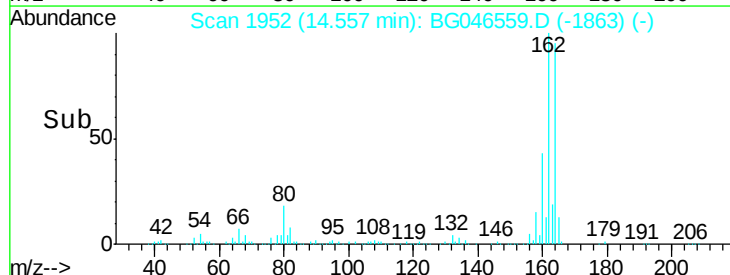
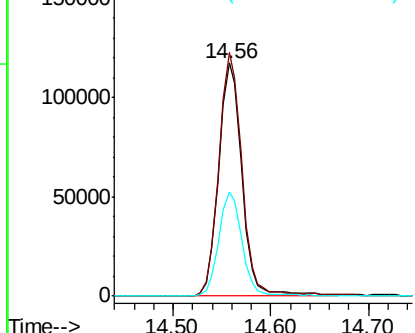


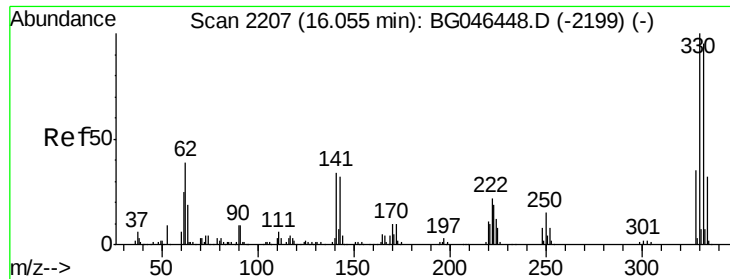
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Tgt Ion	164	Resp	194309
Ion Ratio	Lower	Upper	
164	100		
162	104.4	83.3	124.9
160	44.8	35.0	52.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 66.091 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampled :

PE-4B

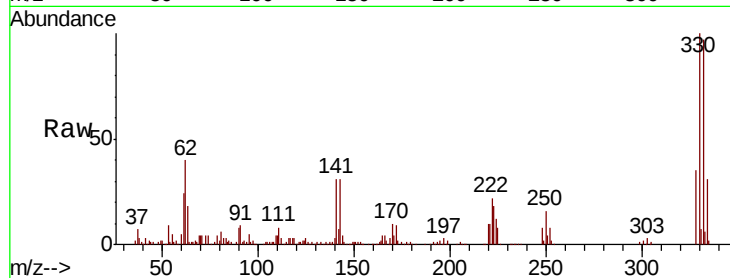
Tot Ion:330 Resp: 174001

Ion Ratio Lower Upper

330 100

332 94.3 76.1 114.1

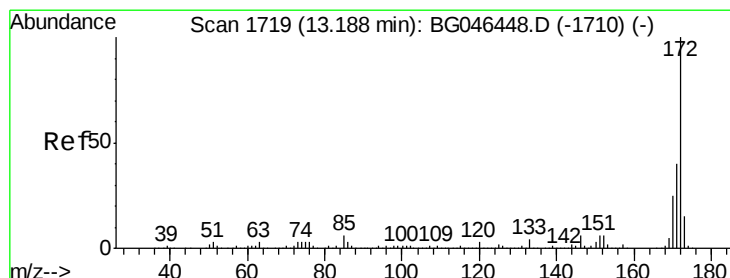
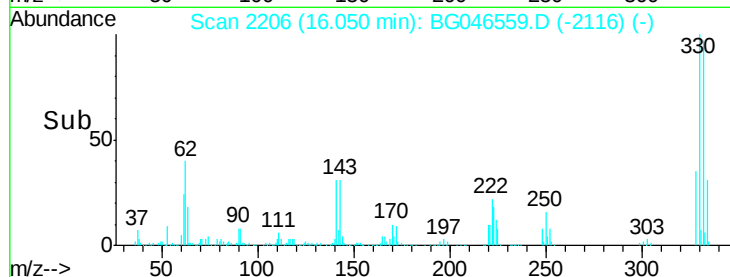
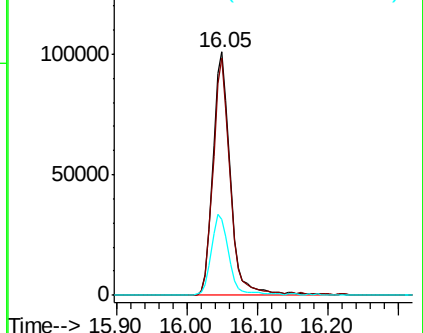
141 33.6 26.1 39.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 52.863 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

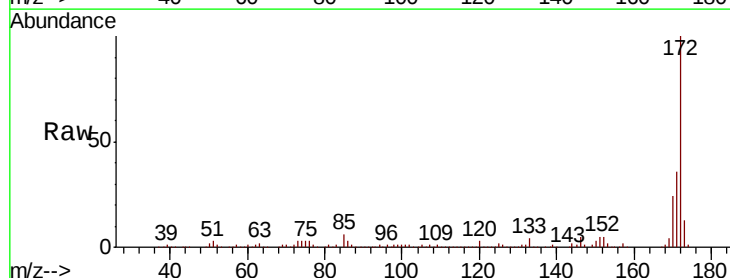
Tgt Ion:172 Resp: 672868

Ion Ratio Lower Upper

172 100

171 36.2 31.8 47.6

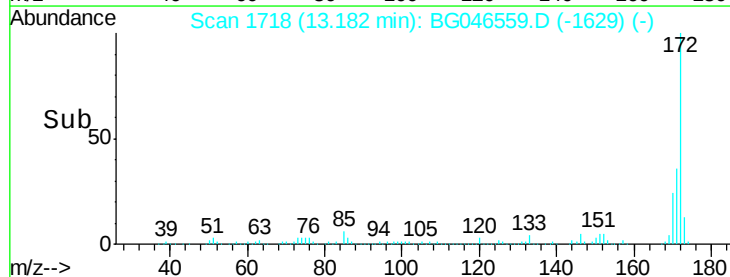
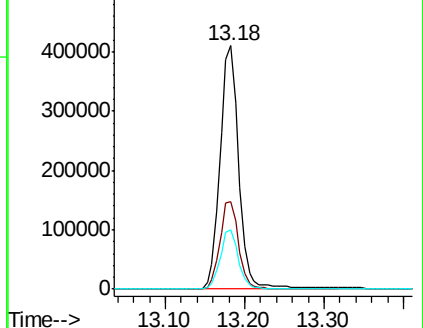
170 24.2 20.3 30.5

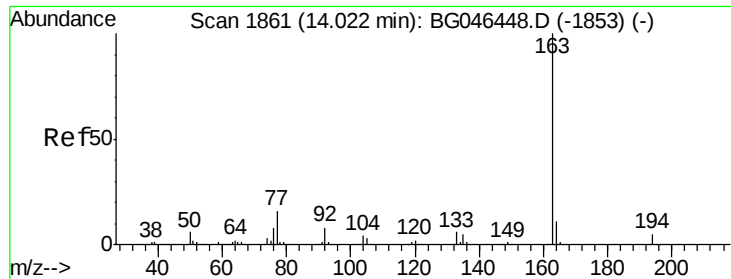


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.424 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PE-4B

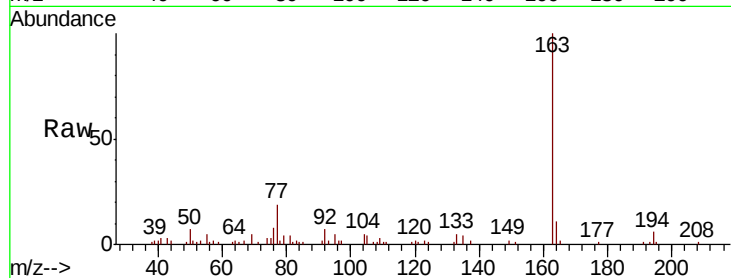
Tot Ion:163 Resp: 36443

Ion Ratio Lower Upper

163 100

194 5.9 3.7 5.5#

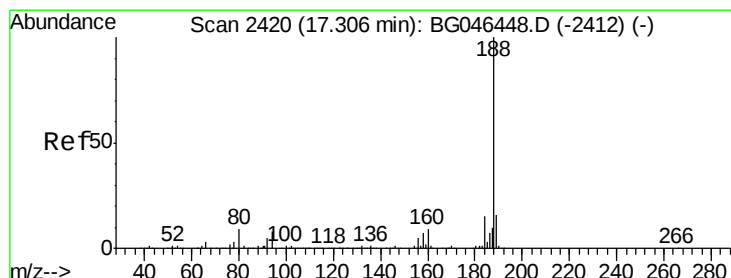
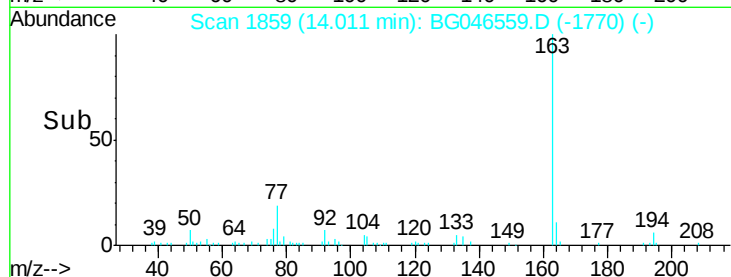
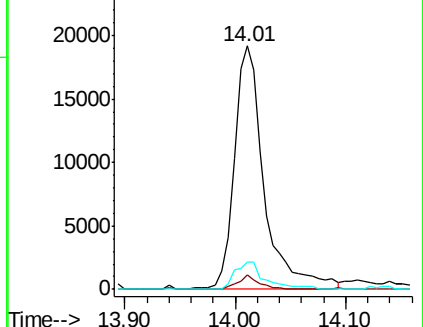
164 11.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

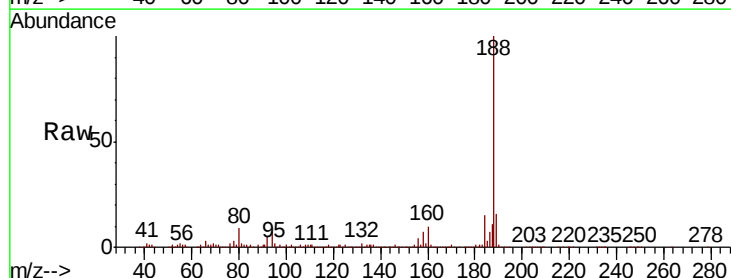
Tgt Ion:188 Resp: 449168

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

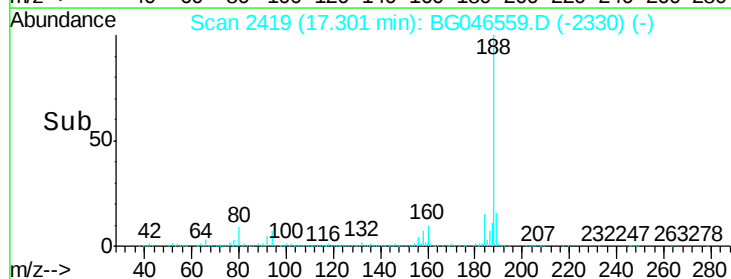
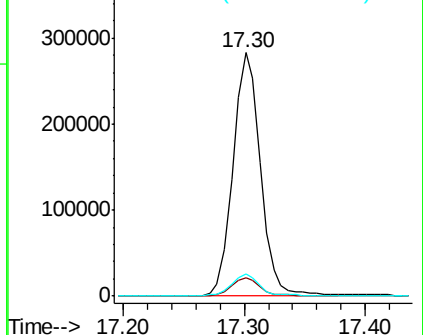
80 9.0 6.9 10.3

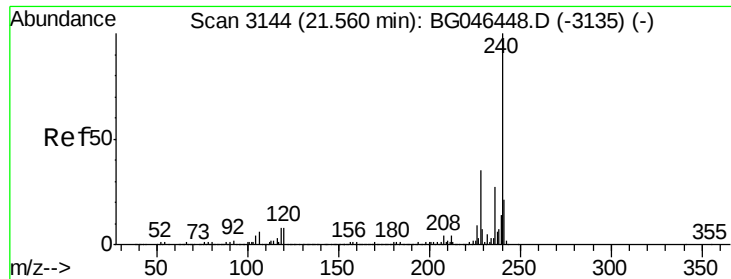


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

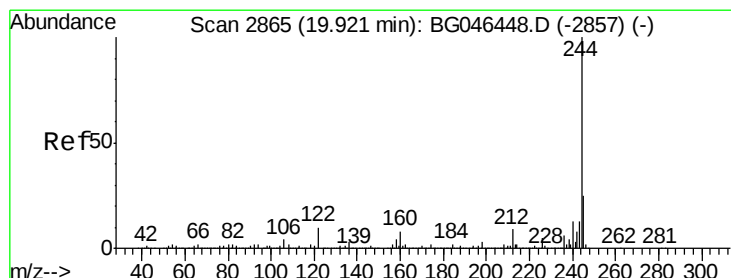
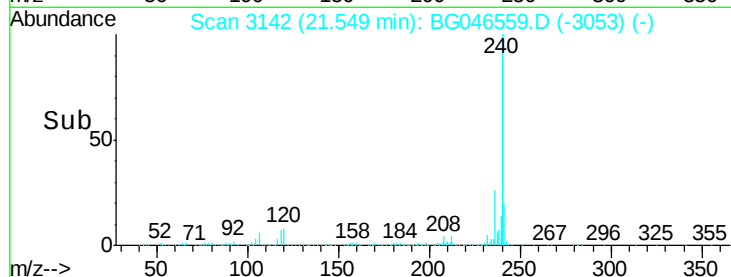
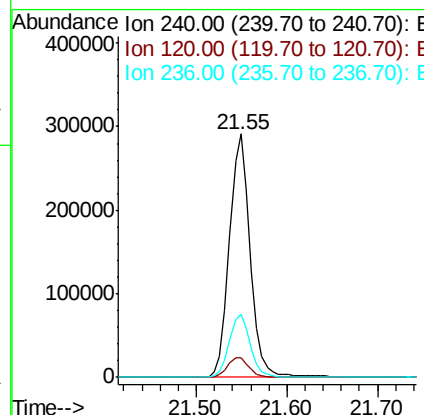
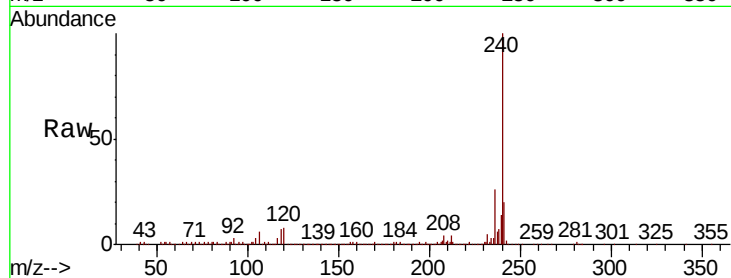




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

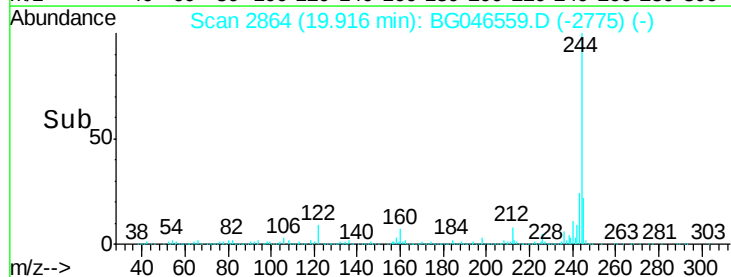
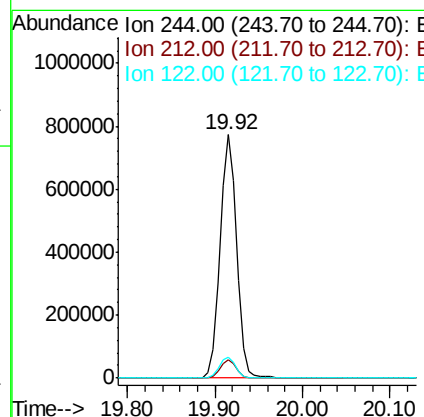
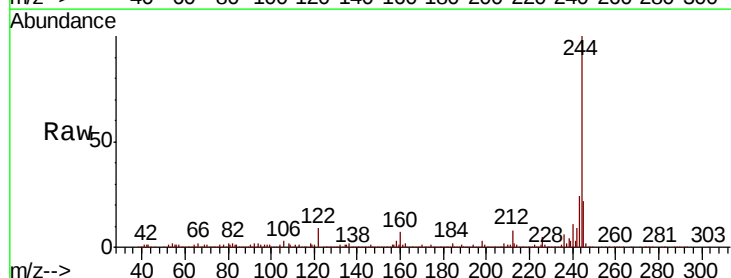
Instrument :
BNA_G
ClientSampleId :
PE-4B

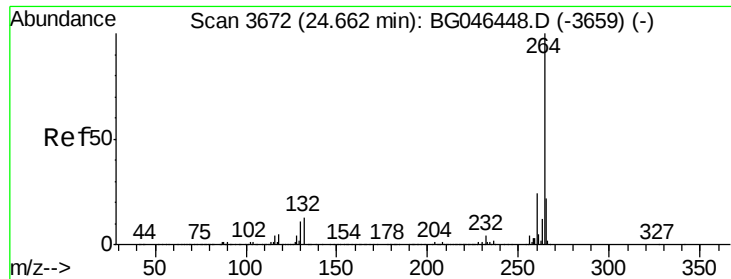
Tot Ion:240 Resp: 462724
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.8 21.4 32.2



#79
Terphenyl-d14
Concen: 47.086 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Tgt Ion:244 Resp: 1023769
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 8.7 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PE-4B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.7	17.9	26.9

